PROJECT	**ALTITUDE AND AZIMUTH (SIN-COS)**
	For use of this form, see FM 3-34.331; the proponent agency is TRADOC.

LOCATION	ORGANIZATION	DATE *(YYYYMMDD)*

STATION	ASSUMED LAT. (L_A)	ASSUMED LONG. (λ_A)	WATCH FAST (-) SLOW (+)

INSTRUMENT *(Number and type)*	OBSERVER

Star												
Declination (d) $\pm$	H	M	S	H	M	S	H	M	S	H	M	S
Watch												
Corr. slow +, fast- $\pm$												
UT												
G. Sid. T _____ ^{d} 0^h UT												
Mean time interval to sid. time (corr.)												
G. Sid. T.												
Long. (λ_A) E+, W - $\pm$												
Local Sid. T.												
R. A.												
M. A.												
M. A. (arc) t												
Sin L_A												
Sin δ												
A (product)												
Cos L_A												
Cos δ												
Cos t												
B (product)												
A												
Sin H_C*												
H_C												
H_O												
Intercept (H_O >H_C = Intercept "To")												
Cos δ												
Sin t												
C (product)												
Cos H_C												
Sin Z (C÷Cos H_C)												
Z	°	'		°	'		°	'		°	'	
Asimuth Z_N												

* When L and have same sign: Sin H_C = A+B if M. A.<90º and A - B if M. A.>90º
When L and have opposite sign: Sin H_C= A-B if M. A.<90º and A+ B if M. A.> 90º

COMPUTED BY	DATE *(YYYYMMDD)*	CHECKED BY	DATE *(YYYYMMDD)*

DA FORM 1911, FEB 1957

APD LC v2.01ES